

ADPRO V3500 Lite by Xtralis

Desktop IP Video Storage System

Description

The ADPRO V3500 Lite by Xtralis is the latest member of the ADPRO V3500 video storage product family. It is an innovative, high-capacity digital video recorder that provides virtually unlimited, encrypted network video storage.

The ADPRO V3500 provides high-capacity, online storage and unlimited archiving in one or more units using patent-pending Cold Disk Technology™. Unlike other storage servers that use continuously running disk drives to record video streams and security data, the ADPRO V3500 dynamically routes data to multiple on-board storage disks. This distributed approach to data storage allows hard disks to be spun down when not in use, resulting in a reduction in energy consumption and heat dissipation of more than 50 percent versus traditional storage options.

The ADPRO V3500 system supports multi-codec video streams (MPEG-4, H.264, MJPEG), making it suitable for centralised, decentralised, LAN/WAN infrastructures, and local/remote video applications.

Features

- With long-term storage and retrieval capabilities, easily swappable storage caddies and a service-friendly architecture, the ADPRO V3500 Lite is revolutionary in design and performance.
- The ADPRO V3500 Lite uses a secure, encrypted storage format with fully redundant (auto-load balancing) processing and storage.
- The ADPRO V3500 Lite is fully interoperable with the 3000 Series family of products, including the ADPRO V3100 for video and audio recording and transmission, the ADPRO S3100 for intrusion detection, technical alarms and access control, the ADPRO V3001 for video wall applications, and the ADPRO S3000 for IP-based access control.
- The ADPRO V3500 Lite is a combination of a ADPRO V3500 Lite CPU and a 5-bay storage unit (ADPRO V3500 Lite STU05) and/or a 10-bay storage unit (ADPRO V3500 Lite STU10) for online storage. A maximum of 15 hard disk caddies (ADPRO V3500 Lite HDC) will be managed with one processing unit (ADPRO V3500 Lite CPU).



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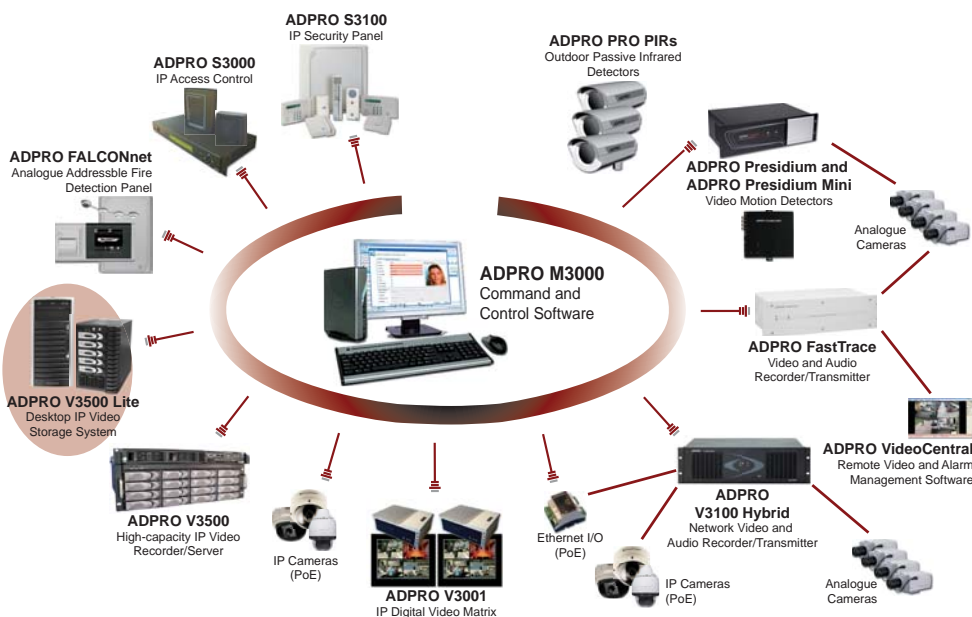


ADPRO V3500 Lite
Hard Disk Caddy

Key Benefits

- Significant energy savings with patent-pending Cold Disk Technology™
- Virtually unlimited video storage
- Easy, swappable hard disk caddies
- Highly secure, encrypted storage format
- Service-friendly architecture with auto-balancing processing and storage
- Highly reliable central and decentralised storage support
- Optimised hard drive head movement extending HDD lifetime
- Minimalised hard drive fragmentation extending HDD lifetime

ADPRO by Xtralis Perimeter Protection and Enterprise IP Security Solutions



ADPRO V3500 Lite by Xtralis

Desktop IP Video Storage System

Specifications

| | |
|--|--|
| Processor | 3.00 GHz Dual Core Xeon |
| Storage | SATA DAS over SAS BUS JBOD disk storage unit(s) for 5 or 10 Hard Disk Caddies (1/2 TByte HQ HDD/7200 rpm) |
| RAM | 4 GB |
| Drives | DVD-ROM; Drive protected bootable USB flash key |
| Ethernet | 10/100/1000 Mbps auto negotiate Ethernet RJ45 |
| Operating System | Embedded Linux |
| Video Compression | MPEG4, H.264, MJPEG and MxPEG |
| Video Resolution | (*) Video stream input adjustable (dependent): CIF / 2CIF / DCIF / 4CIF / VGA / MegaPixel / HD / ... |
| Images/second | (*) Video stream input adjustable (dependent): 25/30 ips, 4CIF / VGA; 18 ips Mpixel/HD |
| Bandwidth | (*) Video stream input adjustable (dependent): Compression, ips, resolution |
| Protocols | TCP/IP, NTP, ARP, ICMP, SNMP, SSH, HTTP, HTTPS, IPV4, IPV6 ready |
| Performance | Full redundancy and auto-balancing through V3500 units |
| Recording | Continuous, Job scheduled, Event (**) Disk sparing |
| Software | M3000 Command and Control Software |
| Power Supply | ADPRO V3500 Lite CPU = Single 400 W (AC-input 100 – 240 V) ADPRO V3500 Lite STU05 = Single 270 W (AC-input 100 – 240 V) ADPRO V3500 Lite STU10 = Single 400 W (AC-input 100 – 240 V) |
| Temperature | Operation: 40 – 104°F (5 – 40°C) 0 – 95% RH non-condensing, overheat indicators |
| Product Codes | ADPRO V3500 Lite CPU: Desktop Tower Video Server processor: Art. code: 09003250 ADPRO V3500 Lite STU05: 5-bay Tower JBOD Storage unit: (No HDD included) Art. code: 09003251 ADPRO V3500 Lite STU10: 10-bay Tower JBOD Storage unit: (No HDD included) Art. code: 09003252 ADPRO V3500 Lite HDC: Hard Disk Caddy for STU05 or STU10: (HQ SATA HDD included) Art. code: 09003215: 1TB HQ SATA HDD Art. code: 09003216: 2TB HQ SATA HDD |
| * Video stream: ADPRO V3500 video servers can receive video streams from several sources: IP camera, IP server/converter, V3100. The ADPRO V3500 video server supports multiple codec video streams in MPEG4, H.264, MJPEG and MxPEG. Maximum performance depends on video compression, resolution, images/second and bandwidth availability. A product related (ADPRO V3500, ADPRO V3500 Lite) project calculator is available to estimate number of cameras and storage. | |
| ** Disk sparing: Disk-space saving principle based on freeing video data blocks not related to security events by cropping continuous video data | |



ADPRO V3500 Lite CPU Desktop Tower

| | |
|--------------------------|--|
| Housing Dimension | 176 mm (W) x 450 mm (D) x 368 mm (H) 6.9" (W) x 17.7" (D) x 14.5" (H) |
| Colour | Black/Silver |
| Weight | 10.5 kg (23.15 lbs) |



ADPRO V3500 Lite STU05 5-bay HDC Tower

| | |
|--------------------------|--|
| Housing Dimension | 176 mm (W) x 324 mm (D) x 280 mm (H) 6.9" (W) x 12.8" (D) x 11" (H) |
| Colour | Black/Silver |
| Weight | 5.5 kg (12.13 lbs) no HDC |



ADPRO V3500 Lite STU10 10-bay HDC Tower

| | |
|--------------------------|--|
| Housing Dimension | 176 mm (W) x 324 mm (D) x 459 mm (H) 6.9" (W) x 12.8" (D) x 18" (H) |
| Colour | Black/Silver |
| Weight | 8.5 kg (8.74 lbs) no HDC |



ADPRO V3500 Lite HDC Hard Drive Caddy

| | |
|---------------|-------------------|
| Colour | Black/Silver |
| Weight | 0.90 kg (2.0 lbs) |

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